# Author index


Agus, Z.S., see Ziyadeh, F.N. (940) 93
Akera, T., see Stemmer, P. (940) 188
Archer, S.J., see Ellena, J.F. (940) 63

Beaugé, L., see Campos, M. (940) 43
Berberián, G., see Campos, M. (940) 43
Bone, R.A., see N'soukpoé-Kossi, C.N. (940) 255
Bosia, A., see Ghigo, D. (940) 141
Brasseur, R., see Nicolay, K. (940) 197

Cafiso, D.S., see Ellena, J.F. (940) 63
Campos, M., Berberián, G. and Beaugé, L.
Phosphatase activity of $Na^+/K^+$-ATPase. Enzyme conformations from ligands interactions and Rb occlusion experiments (940) 43
Cevc, G., Seddon, J.M., Hartung, R. and Eggert, W.
Phosphatidylcholine-fatty acid membranes. I. Effects of protonation, salt concentration, temperature and chain-length on the colloidal and phase properties of mixed vesicles, bilayers and nonlamellar structures (940) 219
Cheetham, J.J., see Epand, R.M. (940) 85
Chen, J.-C., see Tsai, W.-J. (940) 105
Chernomordik, L.V., see Glaser, R.W. (940) 275
Choung, S.-Y., Kobayashi, T., Inoue, J.-i., Takemoto, K., Ishitsuka, H. and Inoue, K.
Hemolytic activity of a cyclic peptide Ro09-0198 isolated from *Streptoverticillium* (940) 171
Choung, S.-Y., Kobayashi, T., Takemoto, K., Ishitsuka, H. and Inoue, K.
Interaction of a cyclic peptide, Ro09-0198, with phosphatidylethanolamine in liposomal membranes (940) 180
Clandinin, M.T., see Venkatraman, J.T. (940) 33
Colonna, R., see Massari, S. (940) 149
Cox, M., see Szerlip, H.M. (940) 1

DeHaas, G.H., see Jain, M.K. (940) 51
De Kruijff, B., see Nicolay, K. (940) 197
Dominey, R.N., see Ellena, J.F. (940) 63

Eggert, W., see Cevc, G. (940) 219
Ellena, J.F., Archer, S.J., Dominey, R.N., Hill, B.D. and Cafiso, D.S.
Localizing the nitroxide group of fatty acid and voltage-sensitive spin-labels in phospholipid bilayers (940) 63
Engblom, A.C., see Isomaa, B. (940) 121
Epand, R.M., Cheetham, J.J. and Raymer, K.E.
Acid-induced fusion of liposomes: studies with 2,3-seco-5α-cholestan-2,3-dioic acid (940) 85
Esmann, M.
Precipitation of solubilized $Na^+/K^+$-ATPase by divalent cations (940) 71

Folena, E., see Massari, S. (940) 149

Gauthier, C., see Simonnet, H. (940) 247
Geering, K., see Szerlip, H.M. (940) 1
Ghigo, D., Treves, S., Turrini, F., Pannocchia, A., Pescarmona, G. and Bosia, A.
Role of $Na^+/H^+$ exchange in thrombin- and arachidonic acid-induced $Ca^{2+}$ influx in platelets (940) 141
Glaser, R.W., Leikin, S.L., Chernomordik, L.V., Pastushenko, V.F. and Sokirko, A.I.
Reversible electrical breakdown of lipid bilayers: formation and evolution of pores (940) 275
Grass, S.M., see Sokol, P.P. (940) 209
Gustin, M. and Hennessey, T.M.
Neomycin inhibits the calcium current of *Paramecium* (940) 99

Hanke-Baier, P., Raida, M. and Passow, H.
Comparison of murine band 3 protein-mediated $Cl^-$ transport as measured in mouse red blood cells and in oocytes of *Xenopus laevis* (940) 136
Hartung, R., see Cevc, G. (940) 219
Helmkamp, Jr., G.M., see Runquist, E.A. (940) 10
Helmkamp, Jr., G.M., see Runquist, E.A. (940) 21
Hengartner, H., see Schott, H. (940) 127
Hennessey, T.M., see Gustin, M. (940) 99
Hill, B.D., see Ellena, J.F. (940) 63
Holohan, P.D., see Sokol, P.P. (940) 209
Huart, P., see Nicolay, K. (940) 197

Inoue, J.-i., see Choung, S.-Y. (940) 171
Inoue, K., see Choung, S.-Y. (940) 171
Inoue, K., see Choung, S.-Y. (940) 180
Ishitsuka, H., see Choung, S.-Y. (940) 171
Ishitsuka, H., see Choung, S.-Y. (940) 180
Isomaa, B. and Engblom, A.C.
Is calmodulin inhibition involved in shape transformations induced by amphiphiles in erythrocytes? (940) 121

Jain, M.K., Rogers, J. and DeHaas, G.H.
Kinetics of binding of phospholipase $A_2$ to lipid/water interfaces and its relationship to interfacial activation (940) 51

Kelepouris, E., see Ziyadeh, F.N. (940) 93

Khan, M.T. and Saleemuddin, M.
Lack of some $Ca^{2+}$-mediated processes in goat erythrocytes (940) 165
Kobayashi, T., see Choung, S.-Y. (940) 171
Kobayashi, T., see Choung, S.-Y. (940) 180
Kongsamut, S. and Nachshen, D.A.
Measurement of the cytosolic sodium ion concentration in rat brain synaptosomes by a fluorescence method (940) 241
Kuwayama, H.
The membrane potential modulates the ATP-dependent $Ca^{2+}$ pump of cardiac sarcolemma (940) 295

Landrum, J.T., see N'soukpoé-Kossi, C.N. (940) 255
Leblanc, R.M., see N'soukpoé-Kossi, C.N. (940) 255
Leikin, S.L., see Glaser, R.W. (940) 275

Massari, S., Colonna, R. and Folena, E.
Interaction of the fluorescent probe *N*-(lissamine Rhodamine B sulfonyl)dipalmitoylphosphatidylethanolamine with phosphatidylcholine bilayers (940) 149
McDaniel, R.V.
Neutron diffraction studies of digalactosyldiacylglycerol (940) 158

Nachshen, D.A., see Kongsamut, S. (940) 241
Nicolay, K., Sautereau, A.-M., Tocanne, J.-F., Brasseur, R., Huart, P., Ruysschaert, J.-M. and De Kruijff, B.
A comparative model membrane study on structural effects of membrane-active positively charged anti-tumor drugs (940) 197
N'soukpoé-Kossi, C.N., Sielewiesiuk, J., Leblanc, R.M., Bone, R.A. and Landrum, J.T.
Linear dichroism and orientational studies of carotenoid Langmuir-Blodgett films (940) 255

Pannocchia, A., see Ghigo, D. (940) 141
Passow, H., see Hanke-Baier, P. (940) 136
Pastushenko, V.F., see Glaser, R.W. (940) 275
Pescarmona, G., see Ghigo, D. (940) 141
Prestegard, J.H., see Ram, P. (940) 289

Raida, M., see Hanke-Baier, P. (940) 136
Ram, P. and Prestegard, J.H.
Magnetic field induced ordering of bile salt/phospholipid micelles: new media for NMR structural investigations (940) 289
Raymer, K.E., see Epand, R.M. (940) 85
Revillard, J.-P., see Simonnet, H. (940) 247
Rogers, J., see Jain, M.K. (940) 51
Ross, C.R., see Sokol, P.P. (940) 209
Rossier, B.C., see Szerlip, H.M. (940) 1
Runquist, E.A. and Helmkamp, Jr., G.M.
Design, synthesis, and characterization of bis-phosphatidylcholine, a mechanistic probe of phosphatidylcholine transfer protein catalytic activity (940) 10
Runquist, E.A. and Helmkamp, Jr., G.M.
Effect of acceptor membrane phosphatidylcholine on the catalytic activity of bovine liver phosphatidylcholine transfer protein (940) 21

Ruysschaert, J.-M., see Nicolay, K. (940) 197

Saleemuddin, M., see Khan, M.T. (940) 165
Sautereau, A.-M., see Nicolay, K. (940) 197
Schott, H., Seeling, R., Hengartner, H. and Schwendener, R.A.
Palmitoyl derivatives of L-cysteine, cysteamine, L-cystine, cystamine and their incorporation into the bilayers of unilamellar liposomes (940) 127
Schwendener, R.A., see Schott, H. (940) 127
Seddon, J.M., see Cevc, G. (940) 219
Seeling, R., see Schott, H. (940) 127
Sielewiesiuk, J., see N'soukpoé-Kossi, C.N. (940) 255
Simonnet, H., Gauthier, C., Vincent, C. and Revillard, J.-P.
The binding of beta-2-microglobulin to renal brush-border membrane: affinity measurement, inhibition by serum albumin (940) 247
Sokirko, A.I., see Glaser, R.W. (940) 275
Sokol, P.P., Holohan, P.D., Grass, S.M. and Ross, C.R.
Proton-coupled organic cation transport in renal brush-border membrane vesicles (940) 209
Solomon, A.K., see Toon, M.R. (940) 266
Somogyi, J., see Turi, Á. (940) 77
Stemmer, P. and Akera, T.
Sodium-pump activity and its inhibition by extracellular calcium in cardiac myocytes of guinea pigs (940) 188
Szerlip, H.M., Weisberg, L., Geering, K., Rossier, B.C. and Cox, M.
Aldosterone-induced glycoproteins: electrophysiological-biochemical correlation (940) 1

Takemoto, K., see Choung, S.-Y. (940) 171
Takemoto, K., see Choung, S.-Y. (940) 180
Tocanne, J.-F., see Nicolay, K. (940) 197
Toon, M.R. and Solomon, A.K.
Modulation of water transport in human red cells: effect of urea (940) 266
Treves, S., see Ghigo, D. (940) 141
Tsai, W.-J., Chen, J.-C. and Wang, C.-T.
Changes in both calcium pool size and morphology of human platelets incubated in various concentrations of calcium ion. Calcium-specific bleb formation on platelet-membrane surface (940) 105
Turi, Á. and Somogyi, J.
Possible regulation of the myometrial $Na^+/K^+$-ATPase activity by $Ca^{2+}$ and cAMP-dependent protein kinase (940) 77
Turrini, F., see Ghigo, D. (940) 141

Venkatraman, J.T. and Clandinin, M.T.
Ribonucleic acid efflux from isolated mouse liver nuclei is altered by diet and genotypically determined change in nuclear envelope composition (940) 33
Vincent, C., see Simonnet, H. (940) 247

Wang, C.-T., see Tsai, W.-J. (940) 105
Weisberg, L., see Szerlip, H.M. (940) 1

Ziyadeh, F.N., Kelepouris, E. and Agus, Z.S.
Benzodiazepines stimulate sodium ion transport in frog skin epithelium (940) 93